

Abstract of the Disclosure

Three-Dimensional Sipes For Treads

Both a mold blade for forming sipes and the sipe so formed in a tire tread element have three dimensional portions. In the formed sipe, the three dimensional portion creates a constant interlocking of the opposing sipe faces. The blade and the sipe have at least one row of alternating polygonal shaped recesses and protrusions. The recesses and protrusions terminate in a vertex; the vertex has a planar, or two-dimensional, configuration that is parallel to either the blade centerline or the sipe centerline.